

**WHAT IS CLAIMED IS:**

1. A composition for capturing unwanted molecules, said composition comprising low-degree of substitution cyclodextrin derivative.
2. A composition according to Claim 1 wherein said low-degree of substitution cyclodextrin derivative is selected from the group consisting of low-degree of substitution hydroxyalkyl cyclodextrin, low-degree of substitution alkylated cyclodextrin, and mixtures thereof.
3. A composition according to Claim 2 wherein said low-degree of substitution cyclodextrin derivative is selected from the group consisting of hydroxyalkyl cyclodextrin having an average degree of substitution of less than about 5.0, alkylated cyclodextrin having an average degree of substitution of less than about 6.0, and mixtures thereof.
4. A composition according to Claim 3 wherein said low-degree of substitution cyclodextrin derivative is selected from the group consisting of hydroxyalkyl cyclodextrin having an average degree of substitution of less than about 4.5, alkylated cyclodextrin having an average degree of substitution of less than about 5.5, and mixtures thereof.
5. A composition according to Claim 1 wherein said low-degree of substitution cyclodextrin derivative is selected from the group consisting of alpha-cyclodextrin derivatives, beta-cyclodextrin derivatives, gamma-cyclodextrin derivatives, and mixtures thereof.
6. A composition according to Claim 5 wherein said low-degree of substitution cyclodextrin derivative is a beta-cyclodextrin derivative selected from the group consisting of low-degree of substitution hydroxyalkyl-beta-cyclodextrin, low-degree of substitution alkylated-beta-cyclodextrin, and mixtures thereof.
7. A composition according to Claim 6 wherein said beta-cyclodextrin derivative is a hydroxyalkyl beta-cyclodextrin having an average degree of substitution of less than about 4.0.
8. A composition according to Claim 7 wherein said hydroxyalkyl beta-cyclodextrin is hydroxypropyl beta-cyclodextrin having an average degree of substitution of about 3.3.

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15. A process according to Claim 12 wherein said first mixture comprises said cyclodextrin-incompatible surfactant solubilised in micelles or vesicles comprising said cyclodextrin-compatible surfactant as molecular aggregates.
16. A method of capturing unwanted molecules from a surface comprising applying to the surface a composition according to Claim 1 and allowing the composition to dry.